

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re: New Patent Application corresponding to
German Application
Filed
Applicant
Attorney Docket

100 14 348.2
March 24, 2000
Fischer
(K) 54 084

Box New Patent Application
Commissioner for Patents
Washington, DC 20231

3 / Prel. amdt.
A
E. Millis
12-13-01

Preliminary Amendment

Dear Sir or Madam::

Please amend the above-identified application as follows:

In the Claims:

A1
B
Claim 3 (Amended): Method according to claim 1, characterized in that the frequency signals coming from the first and at least second coil device (24, 31), which are emitted at separate times from one another, are limited by the period for the emission of the frequency signals of each coil device (24, 31) by means of transistors (54) which are preferably activated by the circuit (50) in analogy with the coil devices (24, 31).

A2
B
Claim 10 (Amended): Apparatus, in particular for carrying out the method according to claim 1, with a housing (18), with a first coil device (24) and a second coil device (31) and with a hemispherical placement dome (27), characterized in that a probe head (14) with a ferritic cup-type core (21), which receives the first coil device (24) close to a common geometrical axis (22), is provided and in that the cup-type core (21) has in the common axis (22) a pin (23) which lies within the first coil device (24) and on the end face of which the hemispherical placement dome (27), which projects at least partially from the end face of the coil device (14), is provided, and in that a second coil device (31) is provided concentrically outside the cup-type core (21).